DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

12/31/2010

Ginger Hsu
Assistant District Attorney, Suffolk County

Dear ADA Hsu,

Enclosed is the information you requested in regards to Commonwealth vs. █████████
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.

2. Curriculum Vitae for Annie Khan & Stacey Desjardins.

3. Control Cards with analytical results for samples # █████████

4. Analysis sheets with chemist's hand notations and test results.

5. GC/Mass Spectral analytical data for samples # █████████

Stacey Desjardins was the custodial chemist and performed the preliminary testing and net weight for this sample. Annie Khan (Dookhan) was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Khan (Dookhan)
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631
Annie.Khan@state.ma.us

BostonPolice DEPARTMENT

DRUG RECEIPT

CC # ███████████

BOOK # 62

PAGE # 188

DESTRUCTION # _____

District/Unit __XdetaiI__

Name & Rank of Arresting Officer __lo Smith, T__ ID# __11956__

DEFENDANT'S NAME	ADDRESS	CITY	STATE
████████████████		Boston	MA

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	LAB USE ONLY GROSS WEIGHT	ANALYSIS NUMBER
Crack Cocaine	≠ PB	4.69	██████████

To be completed by ECU personnel only

Name and Rank of Submitting Officer __M Lopina__ ID# __12015__

Received by __UO__ Date __8-25-10__

ECU Control # _____

BPD Form 0038-BIS-0907 (prev. 1753)

<center>Curriculum Vitae</center>

Annie Khan (Dookhan)

Education:
University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:
2003 – present
Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
*Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.
*Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.
*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
*Maintenance and repairs of all analytical instruments.
*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
* Responsible for the Quality Control/Quality Assurance program for the drug lab.
*Notary Public.
*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003
QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
*Writing, revising and reviewing Standard Operating Procedures (SOPs).
*Routine QC testing of products for the FDA.
*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
*Calibration, preventive maintenance, QC and QA of analytical instrumentation.
*Complete testing of chemicals for Vendor Validation Project for the FDA.
*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:
Dept. of Justice – Forensics Professionals.
GLP/GMP course with Massachusetts Biologic Laboratory.
QC/QA training according to FDA Codes and Regulations.
GC and GC/MS courses with Agilent Technologies and Restek.
HPLC course with Waters Cooperation.
FTIR course with Spectros.
TOC training with MBL and Sievers.

Association:
American Chemical Society (ACS)
Northeastern Association of Forensics Science (NEAFS)

Stacey Lyn Desjardins

███████████

stacey.felden@state.ma.us

EDUCATION	**Master of Science—Forensic Science** University of New Haven; West Haven, Connecticut May 2006 • Concentration: Criminalistics • Certificate: Advanced Investigation **Bachelor of Arts—Chemistry** Monmouth College; Monmouth, Illinois May 2004 • Graduated Cum Laude
EXPERIENCE	**Chemist I** Massachusetts Department of Public Health; Jamaica Plain, Massachusetts March 2009-present • Analyze unknown substances submitted by Massachusetts Law Enforcement Agencies • Operate, maintain, and interpret data from analytical equipment (Gas Chromatograph, analytical balance, microscope, Ultraviolet Spectrometer, Infrared Spectrometer) • Provide expert testimony to local, state, and federal courts in Massachusetts **Teaching/Graduate Assistant** Monmouth College Chemistry Department University of New Haven Forensic Science Department January 2001-May 2006 • Supervised labs and answered student questions • Performed demonstrations using forensic techniques and chemicals **Additional work experience and references available upon request**
TRAINING	2009: Multijurisdictional Counterdrug Task Force Training on Current Drug Trends 2009: Six week training with Senior Staff at the Massachusetts Department of Public Health Drug Analysis Laboratory—appointed Assistant Analyst 2005: Internship with the New Hampshire State Crime Lab
COURSEWORK	Biomedical Methods of Forensic Science, Criminal Procedure, Forensic Microscopy, Advanced Criminalistics I and II, Forensic Toxicology, Advanced Investigation I and II, Physical Analysis in Forensic Science, Organic Chemistry I and II, General Chemistry, Analytical Chemistry I and II, Physical Chemistry I, II, and III, Biochemistry, Advanced Inorganic Chemistry

No. █████████   Date Analyzed: 11-24-10

City: Boston D.C.U. Police Dept.

Officer: P.O. MILA DEPINA

Def: █████████

Amount: Subst: SUB

No. Cont: 4   Cont: pb

Date Rec'd: 08/25/2010   No. Analyzed: 1

Gross Wt.:   4.69   Net Weight: 0.09g

                                              # Tests: 4 SLD

                                              2A3D

Prelim: heroin   Findings: Heroin

DRUG POWDER ANALYSIS FORM

SAMPLE # ████████   AGENCY Boston   ANALYST SLD

No. of samples tested: _____ 1 _____   Evidence Wt. ____✓____

PHYSICAL DESCRIPTION: signed + sealed
- light brown powdery sub
substance in 4 ~~double~~ triple bagged
pbs

Gross Wt (4): 1.1236 g
Gross Wt (1): 0.2955 g
Pkg. Wt: 0.1983 g
Net Wt: 0.0972 g

PRELIMINARY TESTS
Spot Tests

Cobalt Thiocyanate ( )   ⊕

Marquis   ⊕

Froehde's   ⊕
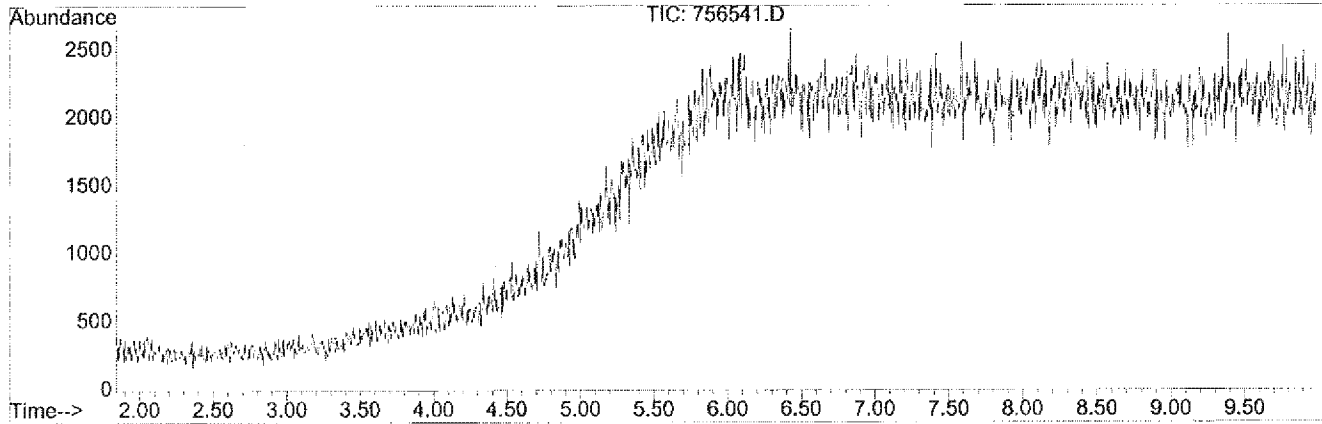
Mecke's   ⊕

Microcrystalline Tests

Gold Chloride _____

TLTA ( ) _____

OTHER TESTS

_____

_____

_____

PRELIMINARY TEST RESULTS

RESULTS heroin

DATE 11-17-10

GC/MS CONFIRMATORY TEST

RESULTS heroin

MS OPERATOR ASD

DATE 11-24-10

Area Percent / Library Search Report

Information from Data File:
```
File Name      : J:\11_22_10\756541.D
Operator       : ASD
Date Acquired  : 23 Nov 2010  10:33
Sample Name    : BLANK
Submitted by   : SLD
Vial Number    :   1
AcquisitionMeth: DRUGS
Integrator     : RTE
```
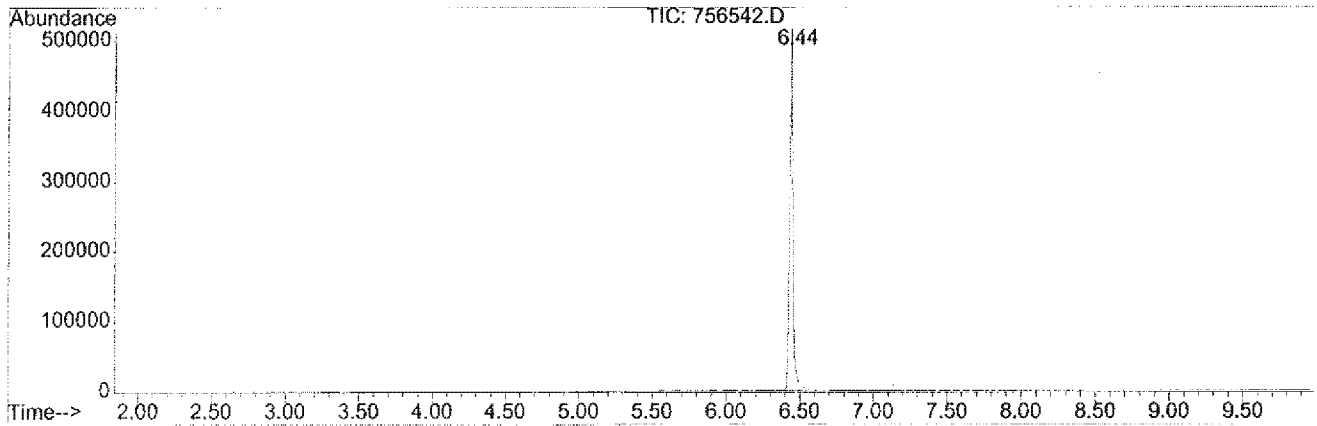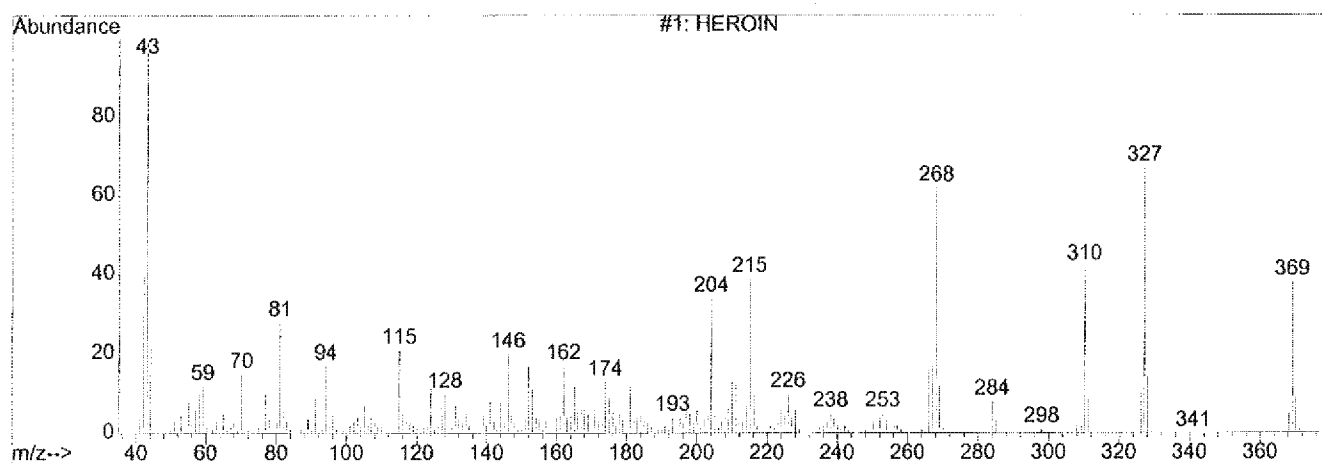

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report
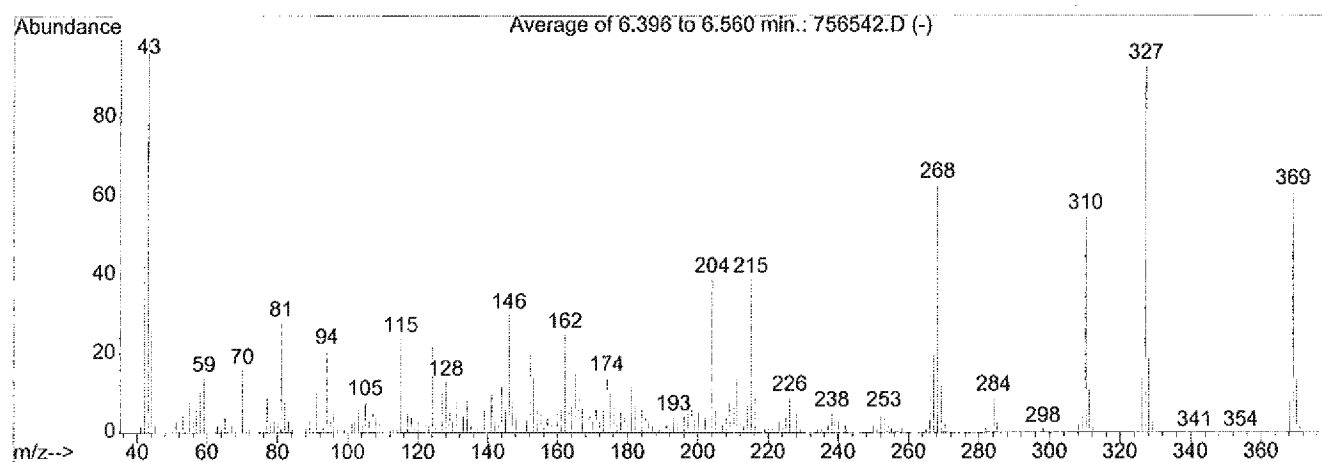
Information from Data File:
File Name   : J:\11_22_10\756542.D
Operator   : ASD
Date Acquired : 23 Nov 2010 10:46
Sample Name   : HEROIN STD
Submitted by   : SLD
Vial Number   : 42
AcquisitionMeth: DRUGS
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
6.438	800637	100.00	100.00

Area Percent / Library Search Report

Information from Data File:
File Name   : J:\11_22_10\756542.D
Operator   : ASD
Date Acquired : 23 Nov 2010 10:46
Sample Name   : HEROIN STD
Submitted by   : SLD
Vial Number   : 42
AcquisitionMeth: DRUGS
Integrator   : RTE

Search Libraries: C:\DATABASE\SLI.L   Minimum Quality: 90
                   C:\DATABASE\PMW_TOX2.L   Minimum Quality: 90
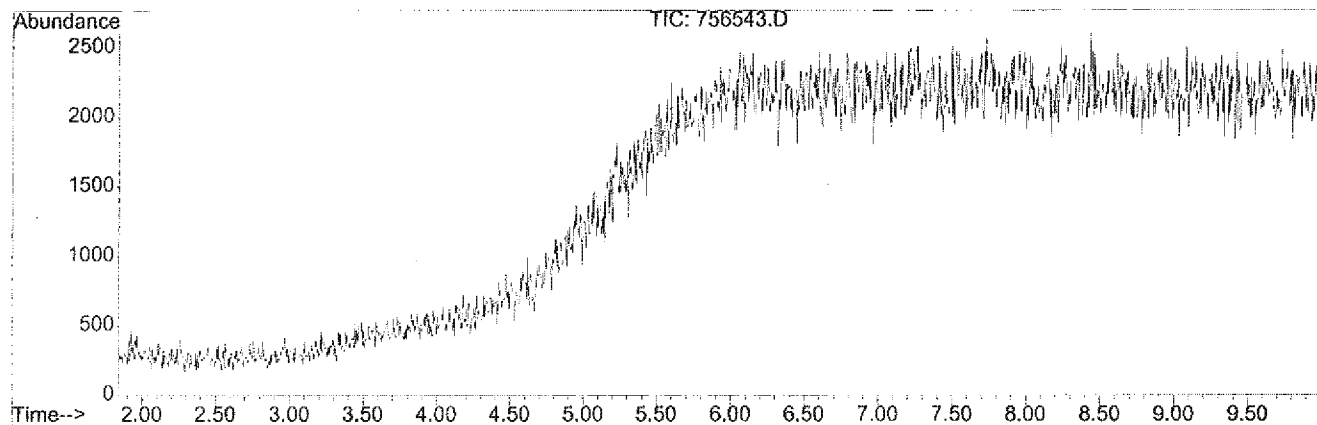   C:\DATABASE\NIST98.L

PK#   RT   Library/ID   CAS#   Qual

---

1   6.44   C:\DATABASE\SLI.L
              HEROIN   000561-27-3   99

Average of 6.396 to 6.560 min.: 756542.D (-)

#1: HEROIN

756542.D   Wed Dec 29 08:20:03 2010   Page   2

Area Percent / Library Search Report

Information from Data File:
File Name   : J:\11_22_10\756543.D
Operator   : ASD
Date Acquired : 23 Nov 2010 10:58
Sample Name   : BLANK
Submitted by : SLD
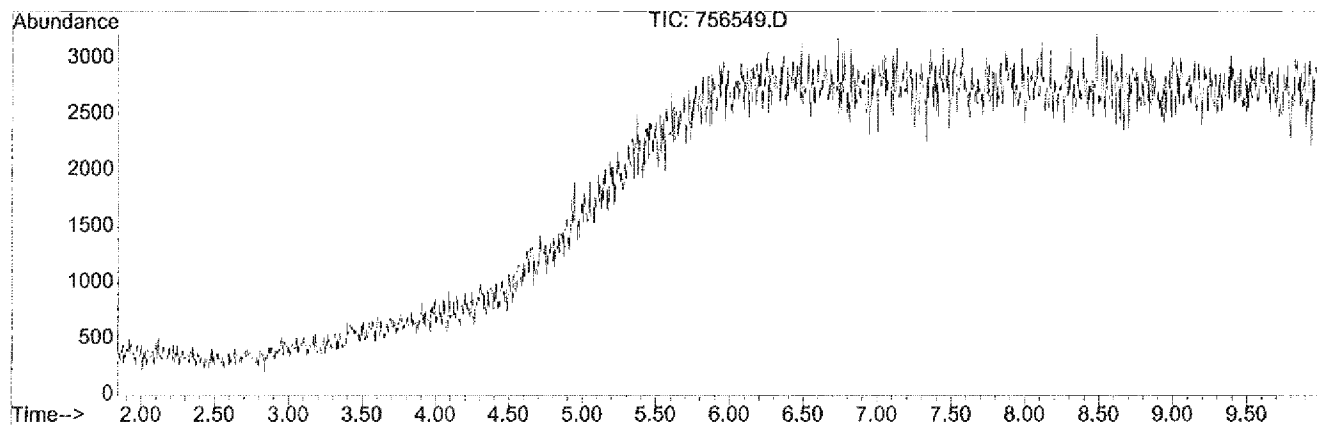Vial Number   :   1
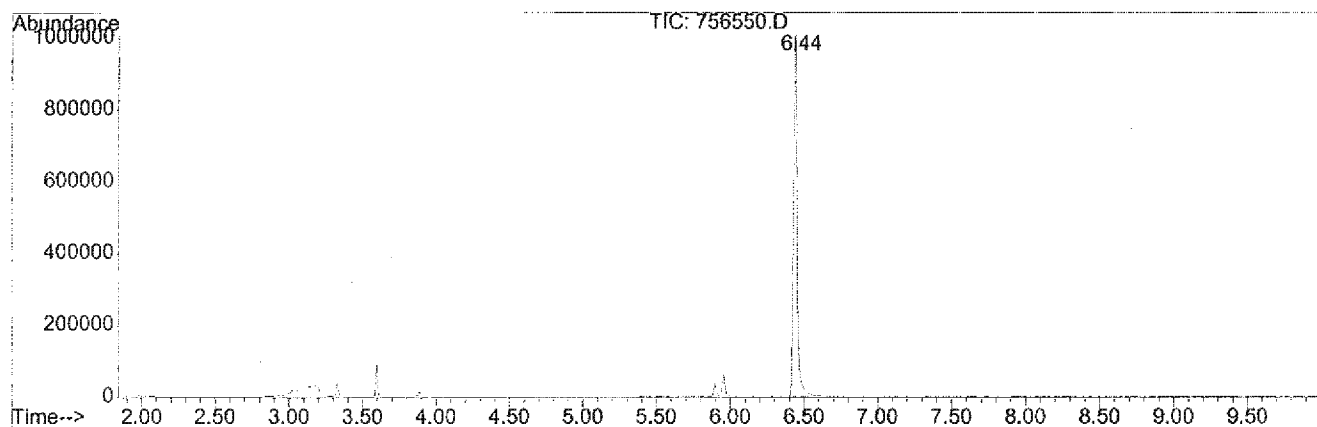AcquisitionMeth: DRUGS
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
```
File Name       : J:\11_22_10\756549.D
Operator        : ASD
Date Acquired   : 23 Nov 2010  12:14
Sample Name     : BLANK
Submitted by    : SLD
Vial Number     :   1
AcquisitionMeth : DRUGS
Integrator      : RTE
```


Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
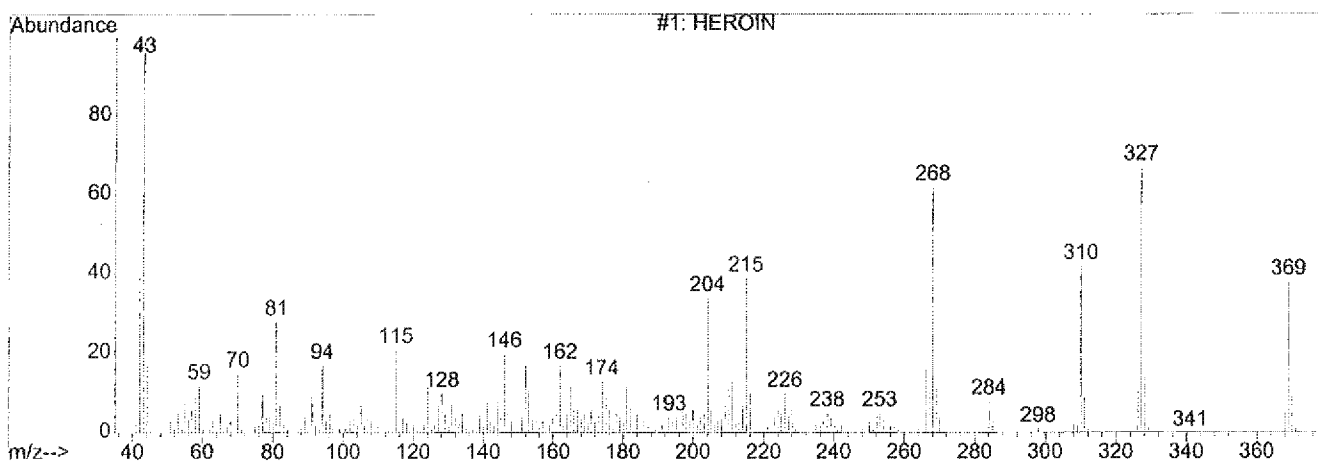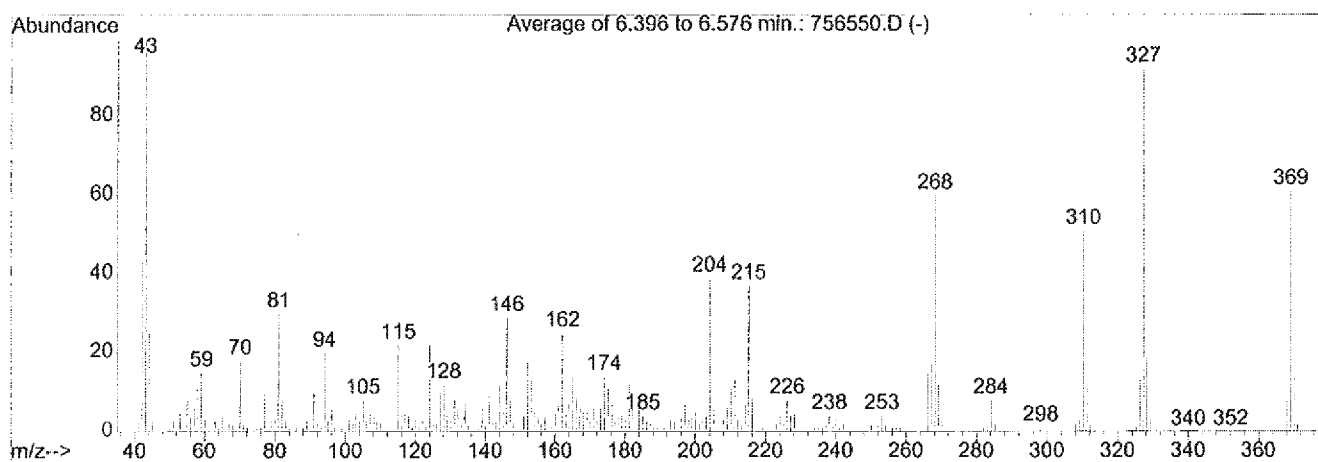File Name   : J:\11_22_10\756550.D
Operator   : ASD
Date Acquired : 23 Nov 2010   12:26
Sample Name   : ███████
Submitted by   : SLD
Vial Number   : 50
AcquisitionMeth: DRUGS
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
6.438	1675860	100.00	100.00

756550.D   Wed Dec 29 08:20:24 2010   Page 1

Area Percent / Library Search Report

Information from Data File:
File Name   : J:\11_22_10\756550.D
Operator   : ASD
Date Acquired   : 23 Nov 2010   12:26
Sample Name   : ███████████
Submitted by   : SLD
Vial Number   : 50
AcquisitionMeth : DRUGS
Integrator   : RTE

Search Libraries: C:\DATABASE\SLI.L   Minimum Quality: 90
                     C:\DATABASE\PMW_TOX2.L   Minimum Quality: 90
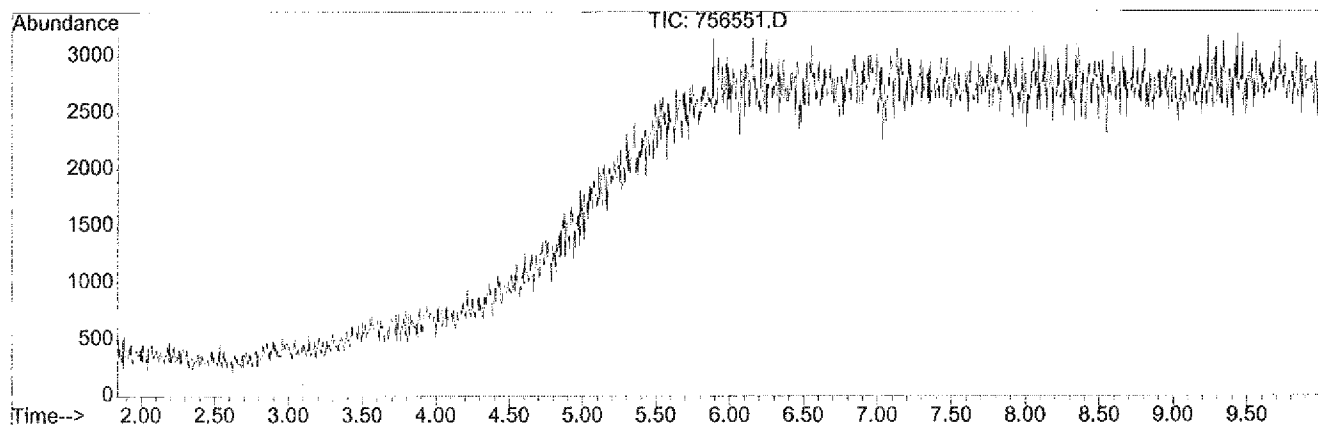   C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	6.44	C:\DATABASE\SLI.L		
		HEROIN	000561-27-3	99

756550.D   Wed Dec 29 08:20:25 2010   Page   2

Area Percent / Library Search Report

Information from Data File:
File Name   : J:\11_22_10\756551.D
Operator   : ASD
Date Acquired : 23 Nov 2010 12:39
Sample Name   : BLANK
Submitted by   : SLD
Vial Number   :   2
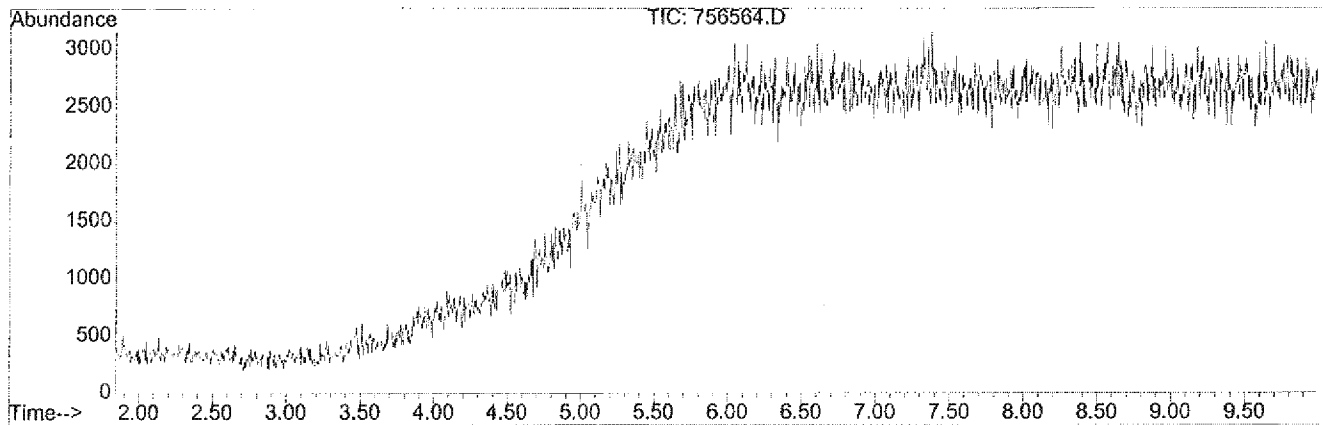AcquisitionMeth: DRUGS
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : J:\11_22_10\756564.D
Operator   : ASD
Date Acquired : 23 Nov 2010 15:24
Sample Name   : BLANK
Submitted by   : SLD
Vial Number   :   2
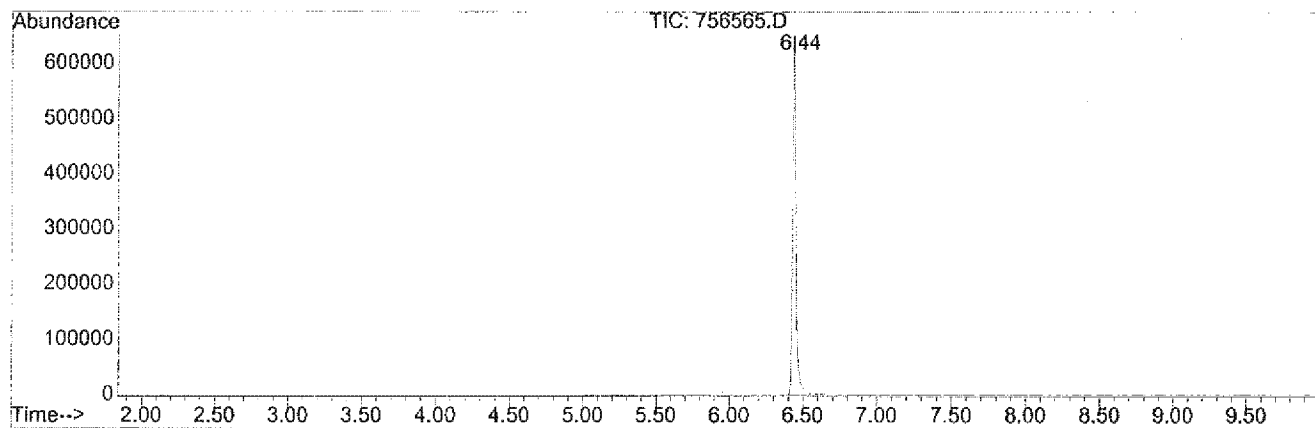AcquisitionMeth: DRUGS
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

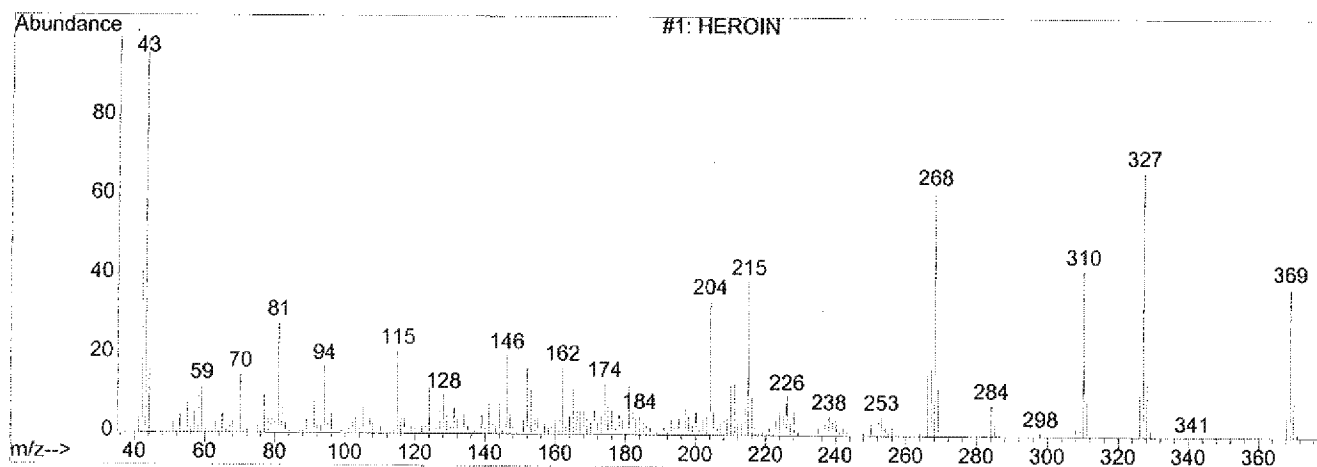Information from Data File:
```
File Name       : J:\11_22_10\756565.D
Operator        : ASD
Date Acquired   : 23 Nov 2010   15:37
Sample Name     : HEROIN STD
Submitted by    : SLD
Vial Number     :  65
AcquisitionMeth : DRUGS
Integrator      : RTE
```


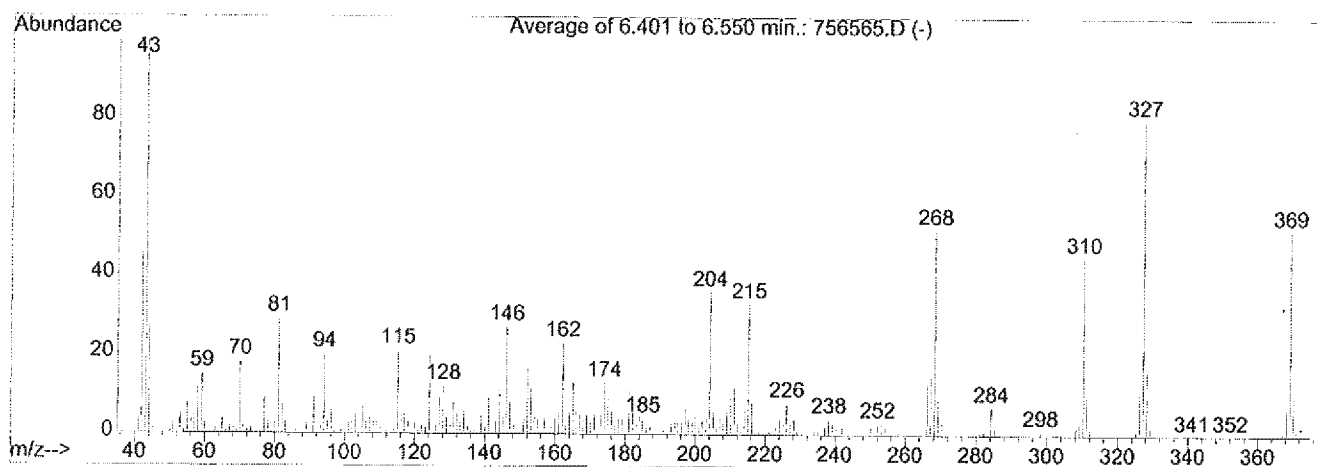| Ret. Time	Area	Area %	Ratio %
6.439	997099	100.00	100.00

Information from Data File:
File Name   : J:\11_22_10\756565.D
Operator   : ASD
Date Acquired : 23 Nov 2010   15:37
Sample Name   : HEROIN STD
Submitted by   : SLD
Vial Number   : 65
AcquisitionMeth: DRUGS
Integrator   : RTE

Search Libraries: C:\DATABASE\SLI.L   Minimum Quality: 90
                    C:\DATABASE\PMW_TOX2.L   Minimum Quality: 90
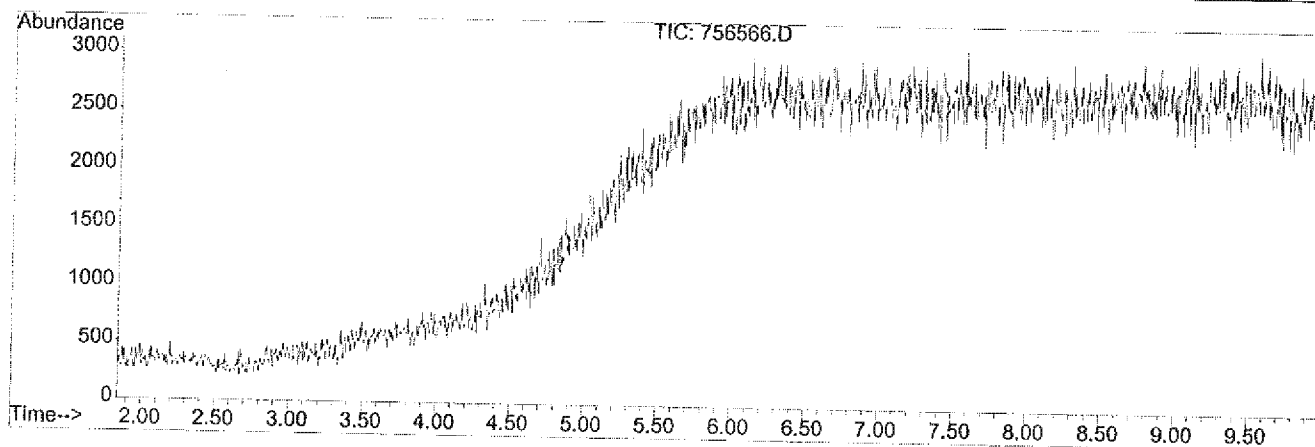   C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	6.44	C:\DATABASE\SLI.L		
		HEROIN	000561-27-3	99

Average of 6.401 to 6.550 min.: 756565.D (-)

#1: HEROIN

Area Percent / Library Search Report

Information from Data File:
```
File Name       : J:\11_22_10\756566.D
Operator        : ASD
Date Acquired   : 23 Nov 2010  15:49
Sample Name     : BLANK
Submitted by    : SLD
Vial Number     :   2
AcquisitionMeth : DRUGS
Integrator      : RTE
```


Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS